

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No. 09/748,215

Attorney Docket No. Q62482

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A resin pipe which is formed by injection molding from a resin or a resin compound, wherein said resin is an alloy resin of a blend of a polyamide resin with a resin having a water absorption no higher than 0.3%, said polyamide resin is selected from a polyamide obtained from metaxylylenediamine and adipic acid, and a polyamide resin obtained from ε-caprolactam, and said resin pipe has a tapered inner surface to facilitate demolding such that the taper angle (Θ) satisfies the following relationship:

$$0.5 \times 10^{-3} < \tan \Theta < 32.5 \times 10^{-3}.$$

2. (original): The resin pipe as defined in claim 1, which is an electrically conductive resin pipe formed by injection molding from an electrically conductive resin compound composed of a thermoplastic resin and a conducting material dispersed therein.

3. (canceled)

4. (original): The resin pipe as defined in claim 1, which contains a reinforcing inorganic filler dispersed therein.

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5. (original): The resin pipe as defined in claim 1, which is a base for a photosensitive drum.
6. (currently amended): A resin pipe formed by injection molding from a thermoplastic resin or a resin compound based on a thermoplastic resin, said resin pipe comprising:

an integrally molded projection that radially protrudes outward from ~~an inner~~ a first end of the resin pipe ~~to an outer~~ , said first end opposing a second end of said resin pipe having a flange and a driving gear formed integrally therewith, wherein the sectional geometry of said projection is selected from a group consisting of triangle, trapezoid, curved object with a round top and a slope, and semi-sphere.
7. (currently amended): The resin pipe as defined in Claim 6, wherein the projection is a flange formed on the entire circumference of ~~one~~ the first end of said resin pipe ~~of the outer surface~~.
8. (previously presented): The resin pipe as defined in Claim 6, which is a cylindrical base for a photosensitive drum that is mounted in an electrophotographic apparatus or an electrostatic recording apparatus.
9. (original): The resin pipe as defined in claim 6, which is formed from a resin compound containing as the thermoplastic resin at least one species selected from a polyamide resin obtained from metaxylylenediamine and adipic acid, and polyamide resin obtained from E-

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caprolactam, and an alloy resin obtained by blending a polyamide resin with a resin having a water absorption no higher than 0.3%.

Claims 10-22. (canceled)